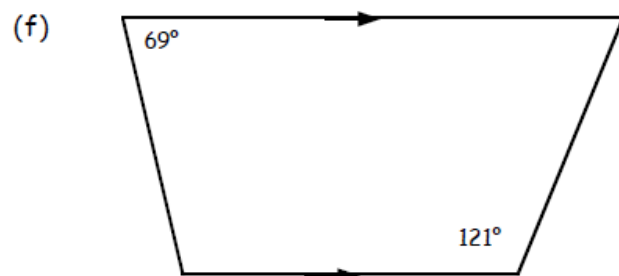
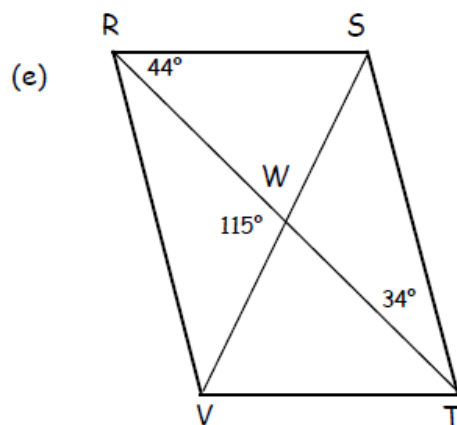
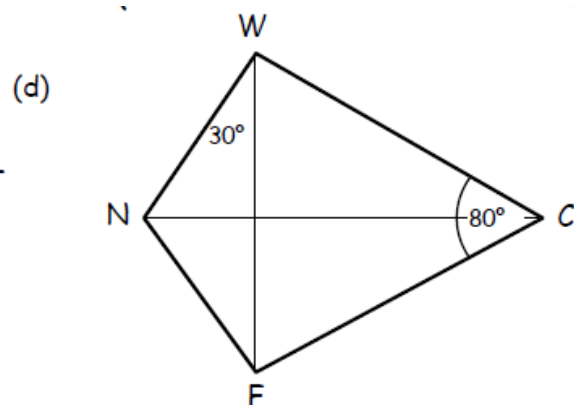
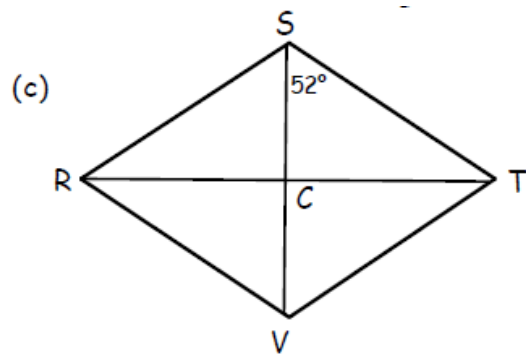
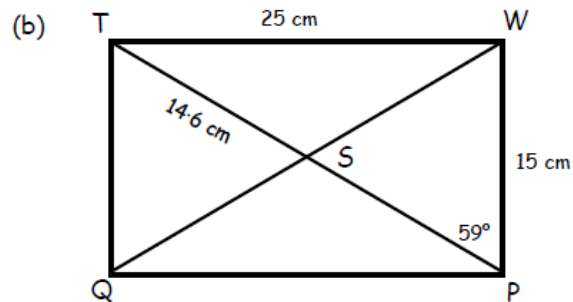
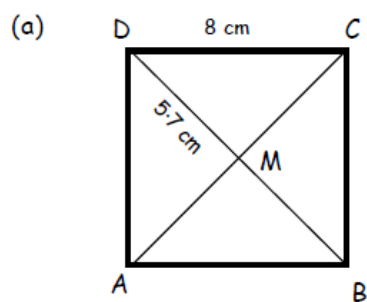


# Quadrilaterals

1. Write down as many properties as you can for a :-

- |            |                   |                |
|------------|-------------------|----------------|
| (a) square | (b) rectangle     | (c) rhombus    |
| (d) kite   | (e) parallelogram | (f) trapezium. |

2. Sketch each of the following and fill in the sizes of as many angles and sides as possible :-



# Polygons

1. Write down the special name for a **polygon** :-  
(a) with 5 sides    (b) with 6 sides    (c) with 8 sides    (d) with 10 sides.
2. What is the special name for a polygon with 4 sides ?

3. Look at this regular **pentagon** with centre  $O$ .

Trace it into your jotter.

- (a) Copy and complete :-

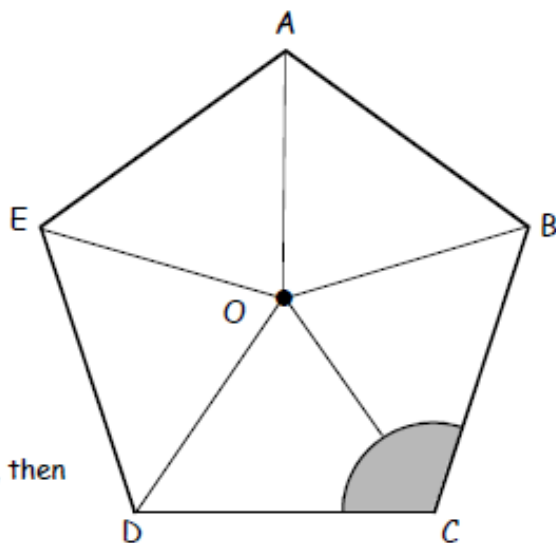
"Since a whole turn is  $360^\circ$ , the size of  $\angle DOC$  must be  $(360^\circ \div 5) = \dots^\circ$ ."

- (b) Copy and complete :-

"Since  $\triangle DOC$  is an isosceles triangle, both  $\angle OCD$  and  $\angle ODC$  must be  $\dots^\circ$ ."

- (c) Copy and complete :-

"Since  $\angle OCD$  and  $\angle OCB$  are the same size, then the **Interior** (shaded)  $\angle BCD$  must be  $\dots^\circ$ ."



4. Repeat for the :-  
(a) nonagon

